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(54) Title: METHOD OF PREPARING A METAL-SILICONE RUBBER COMPOSITE

(57) Abstract: A method of preparing a metal-silicone rubber composite, the method comprising the steps of (i) depositing a layer of gold on a surface of a mold; (ii) depositing a primer layer of a metal on the layer of gold, wherein the metal is selected from aluminum, chromium, titanium, and copper; (iii) applying a radiation-curable silicone composition on the primer layer; (iv) curing the silicone composition with radiation to form a silicone rubber; and (v) removing the silicone rubber from the mold, whereby the layer of gold and the primer layer are transferred to the silicone rubber.



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